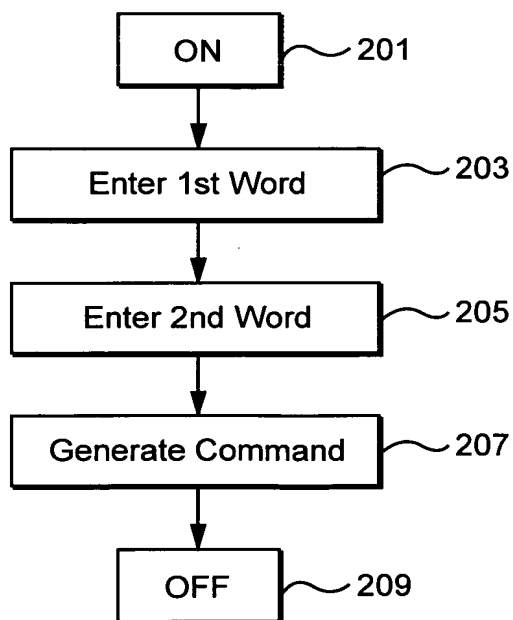
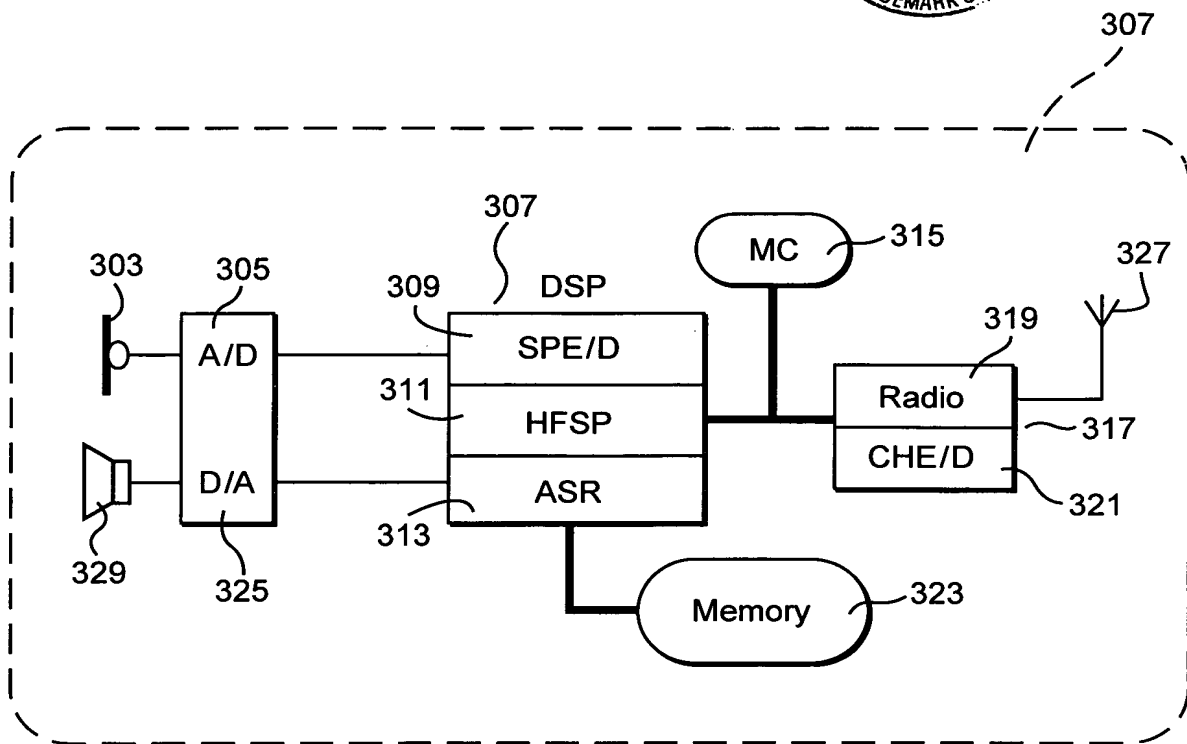


Fig. 1

Fig. 2





Acronyms, DSP : Digital signal processing.
 SPE/D : Speech encoder/decoder.
 ASR : Automatic speech recognition.
 HFSP : Handsfree signal processing, such as acoustic
 echo canceling, and noise suppression.
 CHE/D : Channel encoder/decoder.

Fig. 3